

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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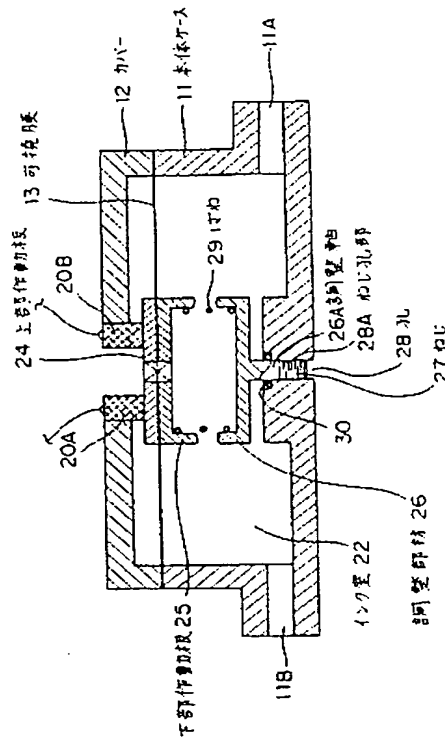
APPLICATION DATE : 03-04-87  
APPLICATION NUMBER : 62081126

APPLICANT : CANON INC;

INVENTOR : SUZUMURA MASAMICHI;

INT.CL. : B41J 3/04

TITLE : DETECTOR FOR RESIDUAL AMOUNT OF INK



ABSTRACT : PURPOSE: To reduce the size of the title detector and enhance the reliability of the same, by providing an adjustor capable of adjusting an operating force of an operating and detecting member for detecting the residual amount of an ink at the time of detection, in an ink chamber communicating with an ink supplying system.

CONSTITUTION: A flexible film 13 operated according to the variations in the liquid pressure of an ink is elastically supported in an ink chamber 22 by an adjusting member 26, which can be moved upward or downward through the function of a screw 27 by inserting a screw driver into a hole 28 from the outside of a bottom part of a main body casing 11 and rotating an adjusting shaft 26A. A force exerted on a flexible film 13 through a spring 29, namely, an operating force at the time of detecting the residual amount of the ink by an operating plate 25 can be adjusted through the movement of the adjusting member 26.

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